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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **A VLSI architecture of the trellis decoder block for the digital HDTV Gran system**
Dae-Il Oh; Yong Kim; Sun-Young Hwang;
Consumer Electronics, IEEE Transactions on
Volume 42, Issue 3, Aug. 1996 Page(s):346 - 356
Digital Object Identifier 10.1109/30.536130
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(868 KB) IEEE JNL
- ☐ 2. **Practical coding for QAM transmission of HDTV**
Heegard, C.; Lery, S.A.; Paik, W.H.;
Selected Areas in Communications, IEEE Journal on
Volume 11, Issue 1, Jan. 1993 Page(s):111 - 118
Digital Object Identifier 10.1109/49.210549
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- ☐ 3. **Error correction schemes for digital television broadcasting**
Ghosh, M.;
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Volume 41, Issue 3, Aug. 1995 Page(s):400 - 404
Digital Object Identifier 10.1109/30.468054
[AbstractPlus](#) | Full Text: [PDF](#)(364 KB) IEEE JNL
- ☐ 4. **Recursive metric for NTSC interference rejection in the ATSC-HDTV trelli**
Markman, I.;
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Volume 47, Issue 3, Aug. 2001 Page(s):300 - 306
Digital Object Identifier 10.1109/30.964113
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- ☐ 5. **A trellis decoder for HDTV**
Lin, W.W.; Caldwell, M.D.; Hu, K.;
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Volume 45, Issue 3, Aug. 1999 Page(s):571 - 576
Digital Object Identifier 10.1109/30.793542
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(372 KB) IEEE JNL
- ☐ 6. **Truncated metric for NTSC interference rejection in the ATSC-HDTV trelli**

Markman, I.; Kim, J.; Parthasarathy, V.;
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- ☐ **7. Recursive metric for NTSC interference rejection in the ATSC-HDTV trellis**
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- ☐ **10. Influence of nonlinear HPA on trellis-Coded OFDM for terrestrial broadcast HDTV**
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- ☐ **11. COMETS 21-GHz advanced satellite broadcasting experiments-evaluation 8-PSK performance**
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- ☐ **12. Parallel-trellis turbo equalizers for sparse-coded transmission over sparse channels**
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15. **Evaluation of channel coding, modulation and interference of digital ATV transmission systems**
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16. **Development of a transmission system and an integrated receiver for sat**
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17. **Transmission system for multimedia services in satellite broadcasting ct**
Minematsu, F.; Hashimoto, A.; Katoh, H.; Hamada, H.; Matsumura, H.;
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Volume 44, Issue 3, Aug. 1998 Page(s):556 - 563
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18. **Performance of multiresolution OFDM on frequency-selective fading cha**
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19. **A reduced-complexity implementation of trace delete method**
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Volume 50, Issue 3, Aug. 2004 Page(s):820 - 822
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20. **A new VLSI design for Viterbi decoder based on ASIP**
Zhiqiang Yi; Yuanxin Xu; Yun Li; Kuang Wang;
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Volume 2, 29 June-1 July 2002 Page(s):1511 - 1514 vol.2
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21. **Co-channel interference cancellation for HDTV receivers**
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22. Transmission system for satellite ISDB

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23. Influence of oscillator phase noise and clipping on OFDM for terrestrial digital HDTV

Schilpp, M.; Sauer-Greff, W.; Rupprecht, W.; Bogenfeld, E.;
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Volume 3, 18-22 June 1995 Page(s):1678 - 1682 vol.3

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24. Multiresolution broadcast for digital HDTV using joint source-channel coding

Ramchandran, K.; Ortega, A.; Uz, K.M.; Vetterli, M.;
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14-18 June 1992 Page(s):556 - 560 vol.1

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25. VSB modem subsystem design for Grand Alliance digital television receiver

Bretl, W.; Sgrignoli, G.; Snopko, P.;
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Digital Object Identifier 10.1109/30.468013

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Inventor Name Search Result

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Last Name = MARKMAN


First Name = IVONETE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09955883</u>	<u>6744474</u>	150	09/19/2001	RECURSIVE METRIC FOR NTSC INTERFERENCE REJECTION IN THE ATSC-HDTV TRELLIS DECODER	MARKMAN, IVONETE
<u>10103641</u>	Not Issued	30	03/20/2002	Blind equalization method for a high definition television signal	MARKMAN, IVONETE
<u>10192039</u>	Not Issued	71	07/10/2002	Matched pulse shaping filter	MARKMAN, IVONETE
<u>10474909</u>	Not Issued	30	10/15/2003	Phase tracking system	MARKMAN, IVONETE
<u>10474910</u>	Not Issued	30	10/15/2003	Gain control for a high definition television demodulator	MARKMAN, IVONETE
<u>10511398</u>	Not Issued	30	10/14/2004	Hdtv trellis decoder architecture	MARKMAN, IVONETE
<u>10511401</u>	Not Issued	30	10/14/2004	Concatenated equalizer/trellis decoder architecture for an hdtv receiver	MARKMAN, IVONETE
<u>10511493</u>	Not Issued	30	10/15/2004	Decision feedback equalizer	MARKMAN, IVONETE
<u>10511648</u>	Not Issued	20	10/18/2004	Equalizer mode switch	MARKMAN, IVONETE
<u>10535979</u>	Not Issued	19	01/01/0001	Apparatus and method for detectingntsc co-channel interference	MARKMAN, IVONETE
<u>10536055</u>	Not Issued	19	01/01/0001	Carrier tracking loop lock detector	MARKMAN, IVONETE
<u>60172920</u>	Not Issued	159	12/21/1999	TRUNCATED METRIC FOR NTSC INTERFERENCE REJECTION IN THE ATSC-HDTV TRELLIS DECODER	MARKMAN, IVONETE
<u>60255163</u>	Not	159	12/13/2000	Recursive metric for ntsc	MARKMAN,

	Issued			interference rejection in the atsc-hdtv trellis decoder	IVONETE
<u>60284212</u>	Not Issued	159	04/16/2001	Demodulator for an HDTV receiver	MARKMAN, IVONETE
<u>60284268</u>	Not Issued	159	04/16/2001	HDTV Phase tracking system	MARKMAN, IVONETE
<u>60286728</u>	Not Issued	159	04/26/2001	Blind equalization method for an ATSC-HDTV equalizer	MARKMAN, IVONETE
<u>60372970</u>	Not Issued	159	04/16/2002	Architecture for a decision feedback equalizer	MARKMAN, IVONETE
<u>60372971</u>	Not Issued	159	04/16/2002	HDTV trellis decoder architecture	MARKMAN, IVONETE
<u>60373008</u>	Not Issued	159	04/16/2002	Equalizer/trellis decoder architecture for an HDTV receiver	MARKMAN, IVONETE
<u>60373204</u>	Not Issued	159	04/17/2002	Equalizer mode switch	MARKMAN, IVONETE
<u>60373205</u>	Not Issued	159	04/17/2002	Equalizer/FEC mode switch	MARKMAN, IVONETE
<u>60373246</u>	Not Issued	159	04/17/2002	Memory management algorithm for trellis decoders	MARKMAN, IVONETE
<u>60429118</u>	Not Issued	159	11/26/2002	Digital NTSC signal detector for ATSC/NTSC receiver	MARKMAN, IVONETE
<u>60429366</u>	Not Issued	159	11/26/2002	Digital NTSC co-channel interference detector	MARKMAN, IVONETE
<u>60429367</u>	Not Issued	159	11/26/2002	Carrier tracking loop lock detector	MARKMAN, IVONETE
<u>60479395</u>	Not Issued	159	06/18/2003	Method and apparatus for false sync lock detection in a digital media receiver	MARKMAN, IVONETE
<u>60479397</u>	Not Issued	159	06/18/2003	Method and apparatus processing null packets in a digital media receiver	MARKMAN, IVONETE
<u>60479600</u>	Not Issued	159	06/18/2003	Method and apparatus for error detection of compressed video in a digital media receiver	MARKMAN, IVONETE
<u>60570291</u>	Not Issued	159	05/12/2004	Carrier phase ambiguity correction via DC offset	MARKMAN, IVONETE
<u>60570293</u>	Not Issued	159	05/12/2004	Dual-mode equalizer in an ATSC-DTV receiver	MARKMAN, IVONETE
<u>60570295</u>	Not Issued	159	05/12/2004	Complex correlation for a VSB modulated system	MARKMAN, IVONETE
<u>60570296</u>	Not Issued	159	05/12/2004	Channel virtual center calculator	MARKMAN, IVONETE

60570297	Not Issued	159	05/12/2004	Symbol timing ambiguity correction	MARKMAN, IVONETE
60570298	Not Issued	159	05/12/2004	Carrier phase ambiguity correction	MARKMAN, IVONETE
60570423	Not Issued	159	05/12/2004	Dual-mode sync generator in a ATSC-DTV receiver	MARKMAN, IVONETE
60570603	Not Issued	159	05/13/2004	Interleaver mode detection in a digital cable receiver	MARKMAN, IVONETE
60721427	Not Issued	20	09/28/2005	Transmission of information on an auxiliary channel	MARKMAN, IVONETE

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
10511655	Not Issued	30	10/18/2004	Memory management algorithm for trellis decoders	MARKMAN, INONETE

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Patent Number:

Interference Number:

Issue Date: **00/00/0000**Unmatched Petition: **NO**Date of Abandonment: **00/00/0000**L&R Code: Secrecy Code:1Attorney Docket Number: **PU020121**Third Level Review: **NO**Secrecy Order: **NO**Status: **159 /PROVISIONAL APPLICATION EXPIRED**Status Date: **09/01/2003**Confirmation Number: **8500**Oral Hearing: **NO**Title of Invention: **MEMORY MANAGEMENT ALGORITHM FOR TRELLIS DECODERS**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
60373246	9200	05/28/2002	No Charge to Location	No Charge to Name	ANYAMAH	

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10511655

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Which Claims Priority from Provisional Application 60373246

Child Data

No Child Data

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PALM INTRANET

Inventor Name Search Result

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Last Name = HU

First Name = KEREN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08629672</u>	<u>5841819</u>	150	04/09/1996	VITERBI DECODER FOR DIGITAL PACKET SIGNALS	HU, KEREN
<u>08629673</u>	<u>5841478</u>	150	04/09/1996	CODE SEQUENCE DETECTION IN A TRELLIS DECODER	HU, KEREN
<u>08629680</u>	<u>5838729</u>	150	04/09/1996	MULTIPLE MODE TRELLIS DECODER FOR A DIGITAL SIGNAL PROCESSING SYSTEM	HU, KEREN
<u>08629681</u>	<u>5914988</u>	150	04/09/1996	DIGITAL PACKET DATA TRELLIS DECODER	HU, KEREN
<u>09234249</u>	<u>6704358</u>	150	01/20/1999	METHOD AND APPARATUS FOR RESIZING IMAGE INFORMATION	HU, KEREN
<u>09286972</u>	<u>6222944</u>	150	04/06/1999	DOWN-SAMPLING MPEG IMAGE DECODER	HU, KEREN
<u>60084632</u>	Not Issued	159	05/07/1998	APPARATUS AND METHOD FOR PROCESSING MPEG-LIKE INFORMATION	HU, KEREN
<u>10775780</u>	Not Issued	61	02/10/2004	Method and apparatus for detecting an analyte	HULKOWER, KEREN I.
<u>11058497</u>	Not Issued	20	02/15/2005	Method and apparatus for detecting ammonia from exhaled breath	HULKOWER, KEREN I.
<u>60446585</u>	Not Issued	159	02/11/2003	Manufacture and detection of volatile compounds produced by enzyme catalyzed reactions	HULKOWER, KEREN I.
<u>60447161</u>	Not Issued	159	02/13/2003	Manufacture and detection of volatile compounds produced by enzyme catalyzed reactions	HULKOWER, KEREN I.

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